Patent Claims

1. Method for the air-conditioning of aircraft cabins, wherein, by means of at least one blower, at least one air jet (26) is directed into the cabin (10), characterised in that the direction and/or the impulse of the air jet is altered dependent upon a measured temperature.

2. Method in accordance with claim 1, characterised in that the temperature of the air jet (26) is measured.

3. Method in accordance with either of the claims 1 or 2, characterised in that the air jet (26) is directed into the cabin (10) from the ceiling area (14).

4. Method in accordance with any of the claims 1 to 3, characterised in that, as the temperature of the air jet (26) rises, its angle (α) with the vertical (V) is made smaller.

5. Method in accordance with any of the claims 1 to 4, characterised in that, as the temperature of the air jet (26) rises, its impulse is increased.

6. Device for air-conditioning aircraft cabins (10) with means (20, 22) for producing and directing at least one air jet (26) and means (28) for detecting a temperature, characterised by means (20) to alter the direction and/or the impulse of the air jet (26) dependent upon the temperature measured.

7. Device in accordance with claim 6, characterised in that the means (20) for altering the direction and/or the impulse of the air jet (26) have a component (28) with a temperature- dependent form.

8. Device in accordance with claim 7, characterised in that the component (28) includes a shape memory alloy.

9. Device in accordance with claim 7,
characterised in that the component (28) has a bi-metallic element.

10. Device in accordance with any of the claims 6 to 9,
characterised in that the means (28) for measuring the temperature are positioned in such a way that they measure the temperature of the air jet (26).